

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081924\
 Data File : BF139067.D
 Acq On : 19 Aug 2024 10:40
 Operator : RC/JU
 Sample : PB162553BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162553BL

Quant Time: Aug 19 11:01:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	37556	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	162310	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	94128	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	177727	20.000	ng	-0.01
76) Chrysene-d12	14.004	240	97901	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	83553	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	337518	138.729	ng	0.01
7) Phenol-d6	6.481	99	445554	136.403	ng	0.00
23) Nitrobenzene-d5	7.404	82	301467	90.808	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	98377	127.591	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	570621	91.084	ng	-0.02
79) Terphenyl-d14	12.939	244	687498	117.573	ng	0.00

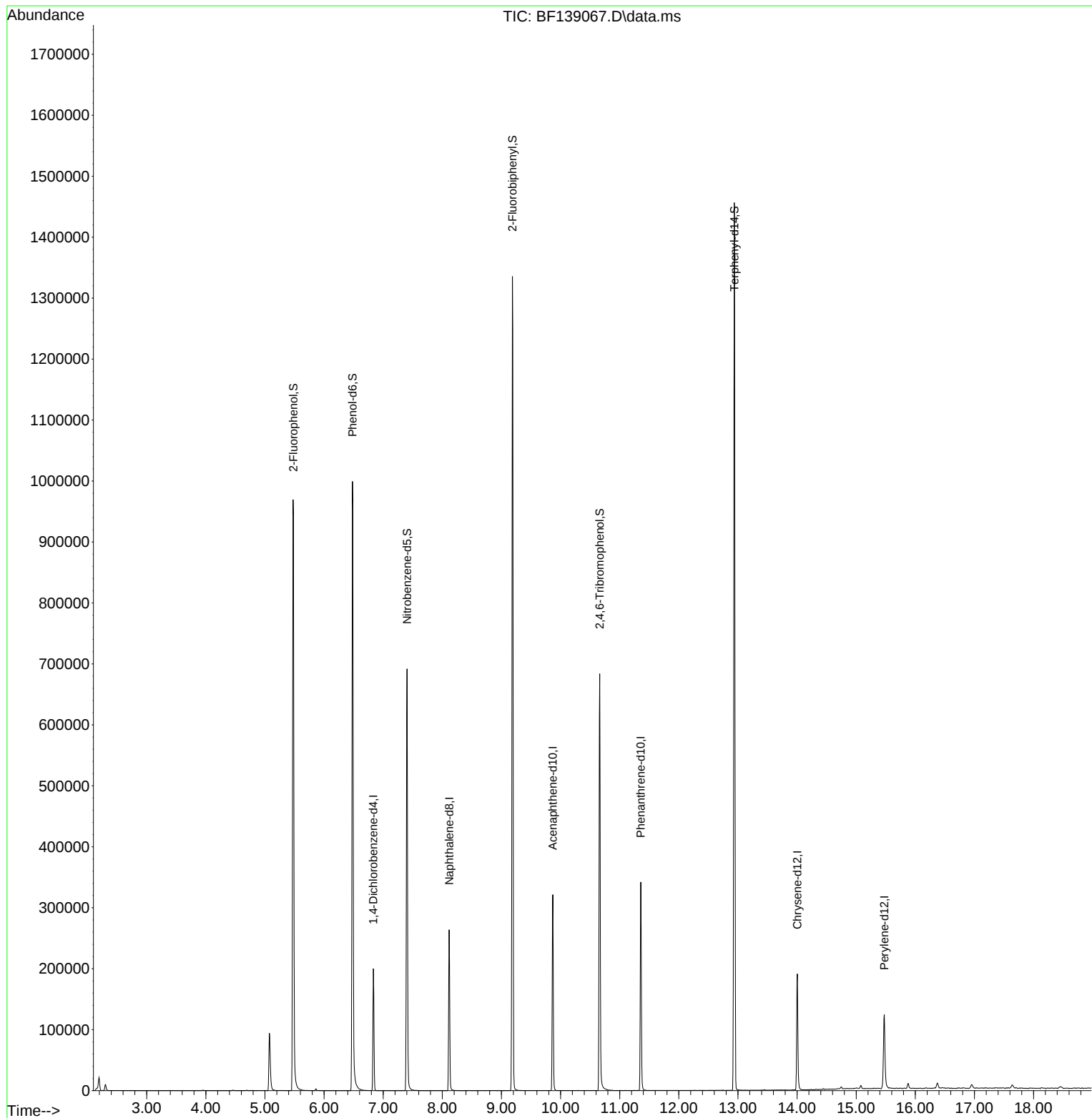
Target Compounds	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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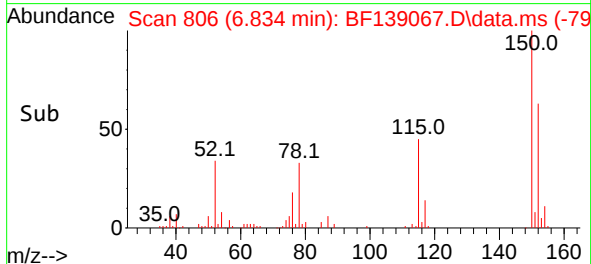
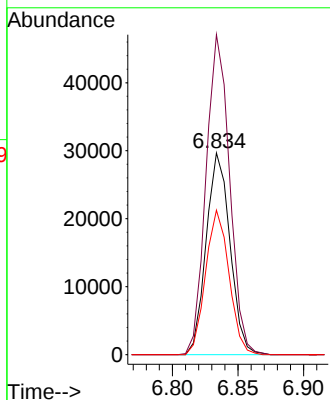
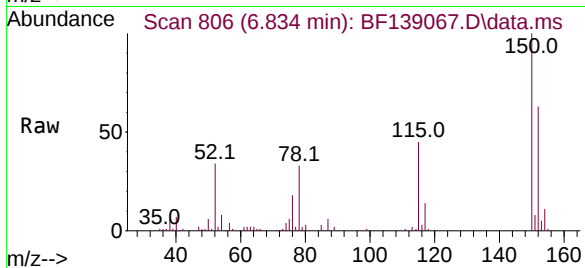




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139067.D
Acq: 19 Aug 2024 10:40

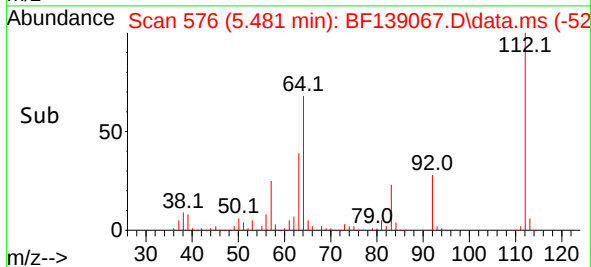
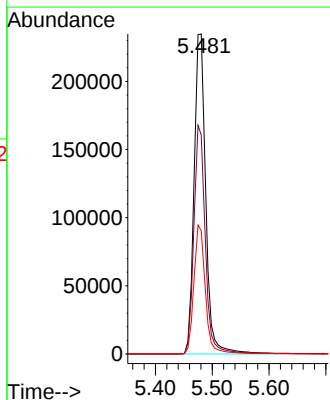
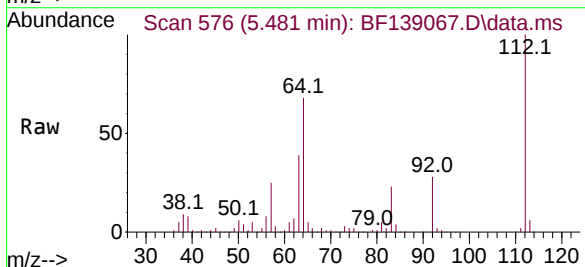
Instrument :
BNA_F
ClientSampleId :
PB162553BL

Tgt Ion:152 Resp: 37556
Ion Ratio Lower Upper
152 100
150 158.6 126.0 189.0
115 71.6 51.7 77.5



#5
2-Fluorophenol
Concen: 138.729 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF139067.D
Acq: 19 Aug 2024 10:40

Tgt Ion:112 Resp: 337518
Ion Ratio Lower Upper
112 100
64 68.4 54.2 81.4
63 38.5 28.7 43.1

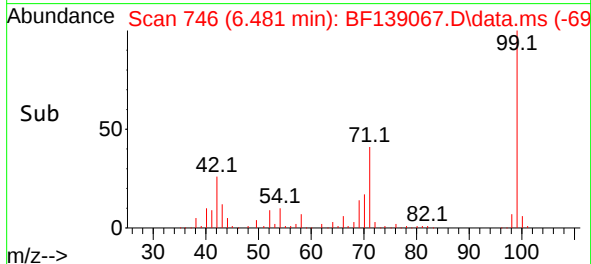
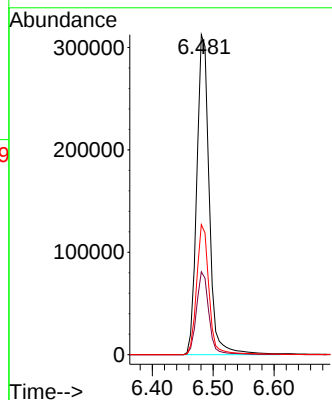
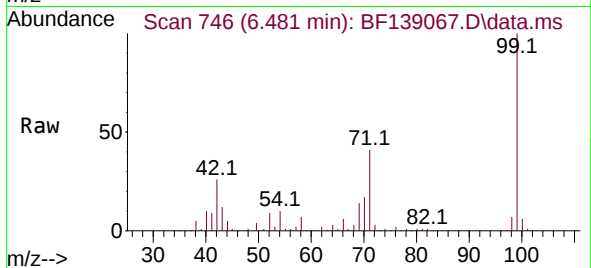




#7
Phenol-d6
Concen: 136.403 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139067.D
Acq: 19 Aug 2024 10:40

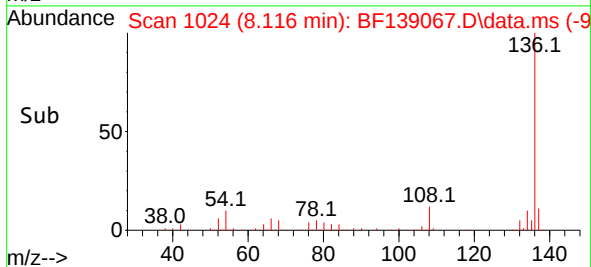
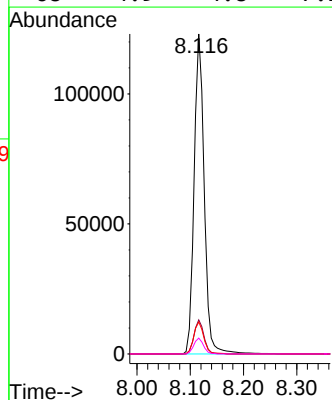
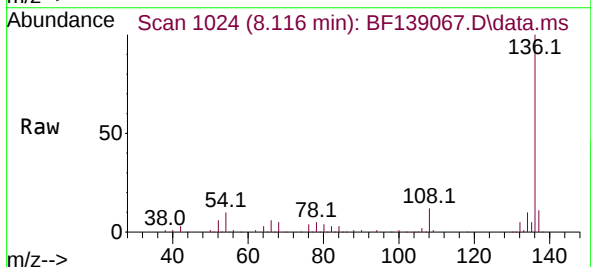
Instrument :
BNA_F
ClientSampleId :
PB162553BL

Tgt Ion: 99 Resp: 445554
Ion Ratio Lower Upper
99 100
42 25.9 17.4 26.0
71 40.7 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139067.D
Acq: 19 Aug 2024 10:40

Tgt Ion: 136 Resp: 162310
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 10.0 8.6 12.8
68 4.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 90.808 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF139067.D

Acq: 19 Aug 2024 10:40

Instrument :

BNA_F

ClientSampleId :

PB162553BL

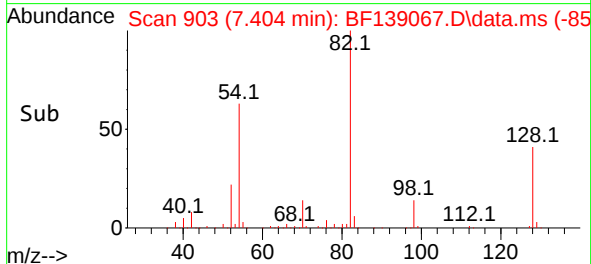
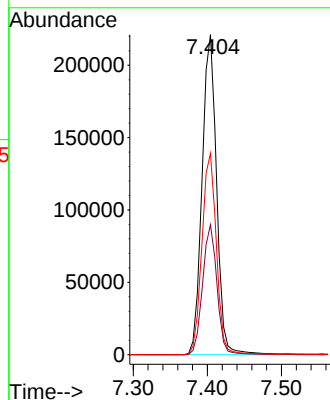
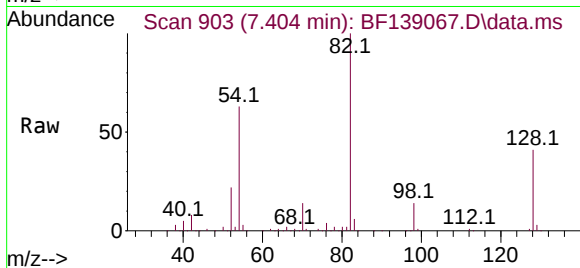
Tgt Ion: 82 Resp: 301467

Ion Ratio Lower Upper

82 100

128 40.6 32.8 49.2

54 62.9 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.011 min

Lab File: BF139067.D

Acq: 19 Aug 2024 10:40

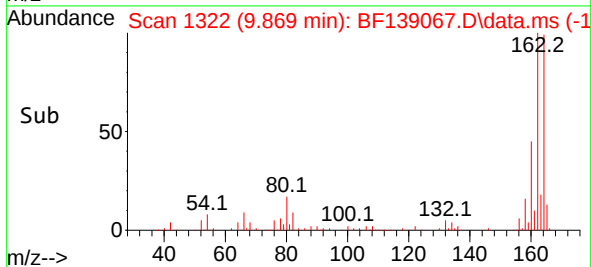
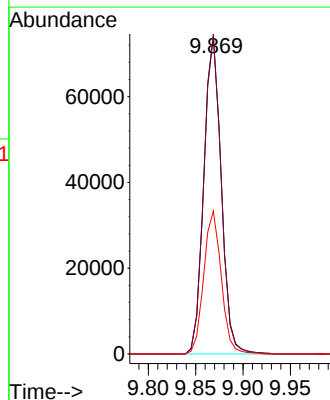
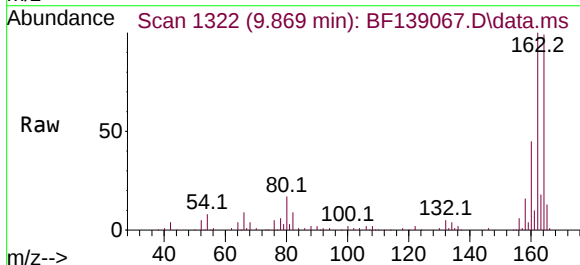
Tgt Ion:164 Resp: 94128

Ion Ratio Lower Upper

164 100

162 100.9 79.4 119.0

160 45.1 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 127.591 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF139067.D

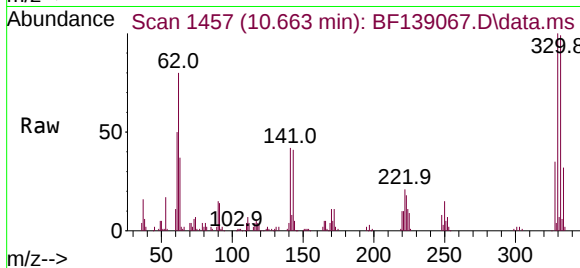
Acq: 19 Aug 2024 10:40

Instrument :

BNA_F

ClientSampleId :

PB162553BL



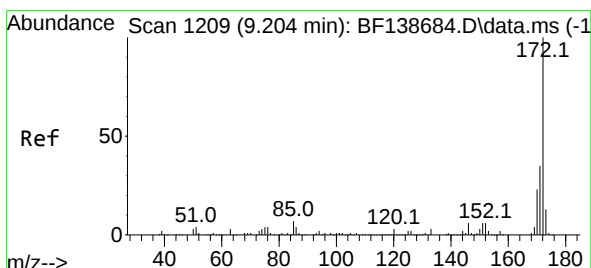
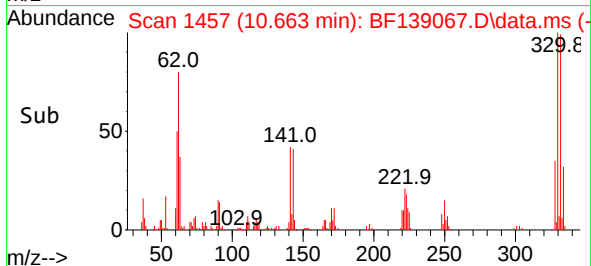
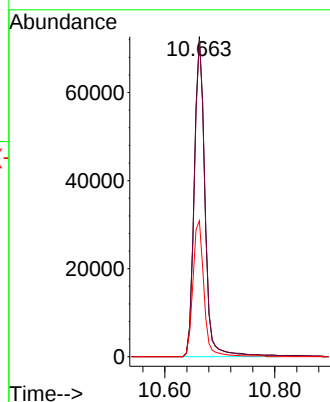
Tgt Ion:330 Resp: 98377

Ion Ratio Lower Upper

330 100

332 98.0 76.4 114.6

141 43.5 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 91.084 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF139067.D

Acq: 19 Aug 2024 10:40

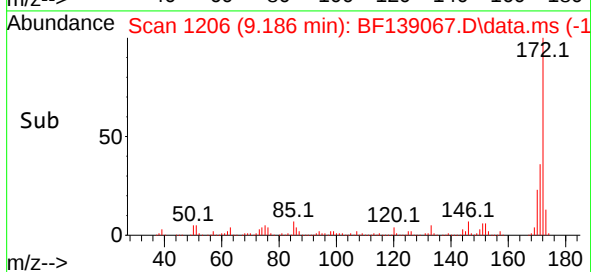
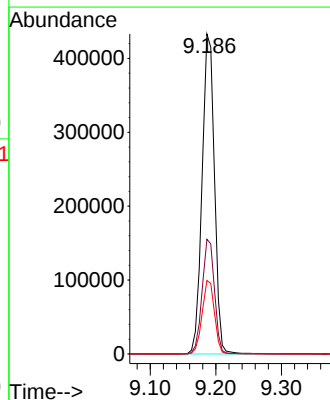
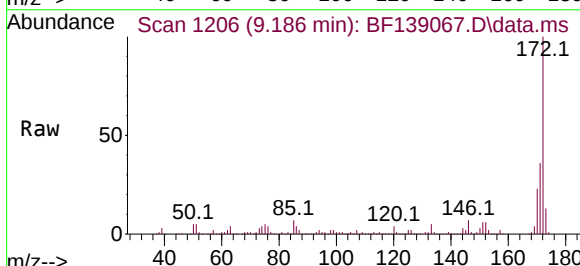
Tgt Ion:172 Resp: 570621

Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.0 18.8 28.2

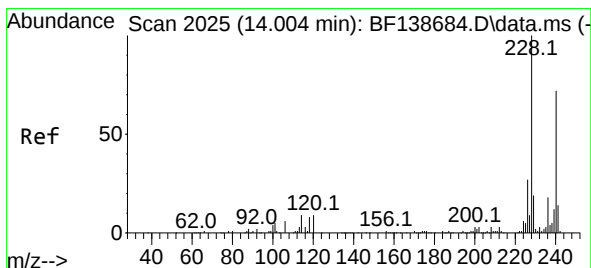
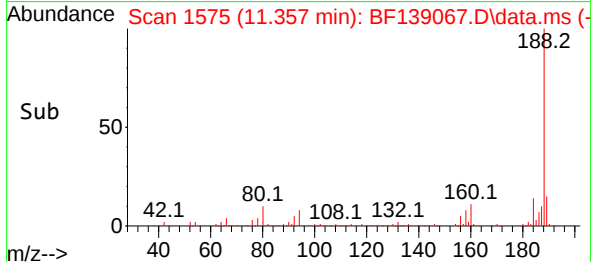
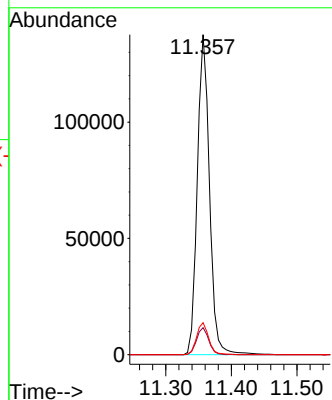
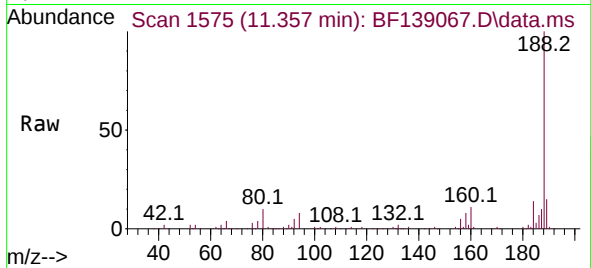




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF139067.D
Acq: 19 Aug 2024 10:40

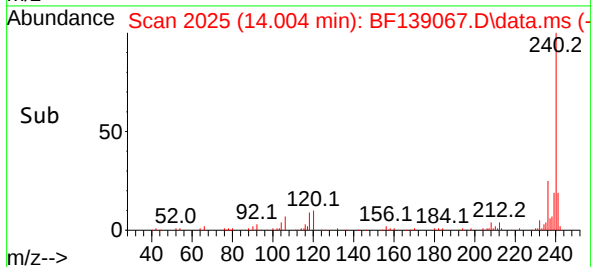
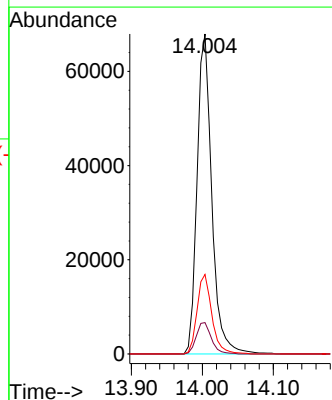
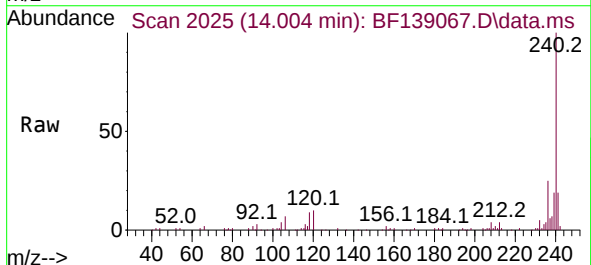
Instrument :
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ClientSampleId :
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Tgt Ion:188 Resp: 177727
Ion Ratio Lower Upper
188 100
94 8.5 7.6 11.4
80 10.0 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF139067.D
Acq: 19 Aug 2024 10:40

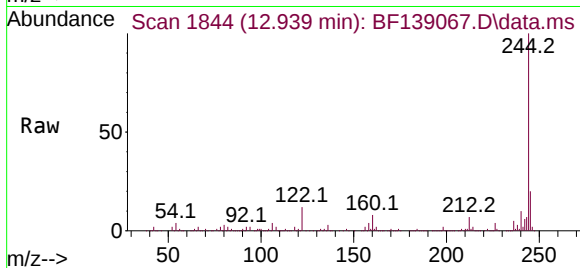
Tgt Ion:240 Resp: 97901
Ion Ratio Lower Upper
240 100
120 9.8 10.2 15.4#
236 24.9 19.8 29.8



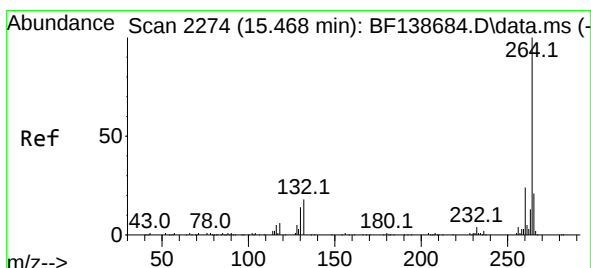
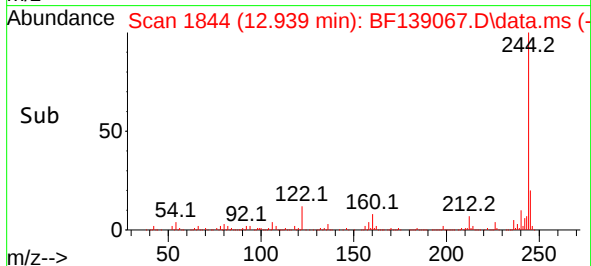
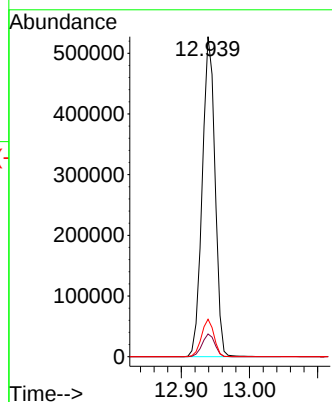


#79
Terphenyl-d14
Concen: 117.573 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF139067.D
Acq: 19 Aug 2024 10:40

Instrument :
BNA_F
ClientSampleId :
PB162553BL



Tgt Ion:244 Resp: 687498
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 11.7 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2275
Delta R.T. 0.006 min
Lab File: BF139067.D
Acq: 19 Aug 2024 10:40

Tgt Ion:264 Resp: 83553
Ion Ratio Lower Upper
264 100
260 24.4 19.0 28.6
265 21.7 17.0 25.6

